

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2004/050943

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H04B1/707

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04B G06F G11B G01S G01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 452 961 B1 (VAN WECHER ROBERT J) 17 September 2002 (2002-09-17) column 6, lines 28-35 column 6, line 57 - column 7, line 7	1-12
A	EP 1 191 703 A (ASCOM SYSTEC AG) 27 March 2002 (2002-03-27) paragraphs '0018!', '0019!	1-12
A	US 4 498 141 A (COOPER J CARL) 5 February 1985 (1985-02-05) abstract column 1, lines 9-24 column 2, lines 22-41 column 3, line 3 - column 4, line 19 column 5, line 13 - column 6, line 13 ----- -/--	1-12

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

27 September 2004

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01/10/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Russo, M

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 184 995 A (NTT DOCOMO INC) 6 March 2002 (2002-03-06) paragraphs '0005!', '0008!', '0013!', '0039!', '0043!', '0045!', '0046!; figure 5 -----	1-12
A	US 5 131 006 A (VAN DRIEST HANS ET AL) 14 July 1992 (1992-07-14) cited in the application abstract column 2, line 25 - column 5, line 55 -----	1-12

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